PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 1109/PCT	FOR FURTHER see Form P ACTION as well as, where ap	CT/ISA/220 oplicable, item 5 below.					
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)					
PCT/SE 2004/001520	21 October 2004	6 November 2003					
Applicant							
FIBERPAC AB et al		·					
This international search report has lapplicant according to Article 18. A	This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.						
This international search report cons	ists of a total of3 sheets.						
It is also accompanied by	y a copy of each prior art document cited in	n this report.					
1. Basis of the report							
 a. With regard to the language, the in the language in which it was 	ne international search was carried out on t filed, unless otherwise indicated under this	he basis of the international application item.					
The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).							
b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.							
2. Certain claims were found	l unsearchable (see Box No. II)						
3. Unity of invention is lacki	ng (see Box No. III)						
4. With regard to the title,	,						
the text is approved as su	bmitted by the applicant.						
<u></u>	ned by this Authority to read as follows:						
5. With regard to the abstract,							
the text is approved as sub	omitted by the applicant						
the text has been establish	ed, according to Rule 38.2(b), by this Auth	ority as it appears in Box No. IV. The					
applicant may, within one comments to this Authority	month from the date of mailing of this inte	rnational search report, submit					
6. With regard to the drawings,							
a. the figure of the drawings to be published with the abstract is Figure No							
as suggested by the applicant.							
as selected by this Authority, because the applicant failed to suggest a figure.							
as selected by this Authority, because this figure better characterizes the invention. b. none of the figures is to be published with the abstract.							
o ale ngares is to be paousifed with the abstract.							

International application No.

PCT/SE 2004/001520

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A01G 23/083
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A01G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Y	US 6318425 B1 (NIEMI, P), 20 November 2001 (20.11.2001), figure 11	1-9		
				
. Y	EP 0346308 A1 (GRANGÄRDE MASKIN AB), 13 December 1989 (13.12.1989), detail 64, figure	1-9		
				
Y	WO 0245482 A1 (TIMBERJACK OY), 13 June 2002 (13.06.2002), figures 3,1	1-9		
	-			
A	SE 518240 C2 (PONSSE OYJ), 5 December 1999 (05.12.1999), claims	1-12		
	·			

X	Further documents are listed in the continuation of Box	x C.	X See patent family annex.
* "A"	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance	″T″	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent but published on or after the international filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other	"X"	document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"O"	special reason (as specified) document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than	"Y"	document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
Date	the priority date claimed of the actual completion of the international search	"&" Date of	document member of the same patent family f mailing of the international search report
7 February 2005		·	1 7 -02- 2005
Swedish Patent Office			ized officer
Facsimile No. + 46 8 666 02 86		Kristoffer Ogebjer/EK Telephone No. +46 8 782 25 00	

Form PCT/ISA/210 (second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

Form PCT/ISA/210 (continuation of second sheet) (January 2004)

International application No. PCT/SE 2004/001520

		PC1/SE 2004	4/001520					
C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT								
Category*	Citation of document, with indication, where appropriate, of the relev	ant passages	Relevant to claim No.					
A	GB 2257512 A (KEBA GESELLSCHAFT MBH & CO), 13 January 1993 (13.01.1993), abstract		1-12					
A	 WO 9935900 A1 (PLUSTECH OY), 22 July 1999 (22.07.1999), page 7, line 14 - line 19		1-12					
A	 WO 0065900 A1 (LAKO OY), 9 November 2000 (09.11.2000), abstract		1-12					
A	US 5832975 A (HAMBY, T E), 10 November 1998 (10.11.1998), column 4, line 35 - line 40		1					
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INTERNATIONAL SEARCH REPORT

Information on patent family members

30/01/2005

International application No. PCT/SE 2004/001520

US 6318425 B1 20/11/2001 AU 5626299 A 03/04/2000 CA 2340447 A 23/03/2000 DE 19983582 T 30/08/2001 FI 104531 B 00/00/0000 FΙ 981982 D 00/00/0000 SE 519813 C 15/04/2003 SE 0100785 A 09/03/2001 WO 0015025 A 23/03/2000 0346308 A1 13/12/1989 ΑT 65880 T 15/08/1991 CA 1317201 A,C 04/05/1993 DE 68900188 D 00/00/0000 SE 459796 B,C 07/08/1989 SE 8802098 D 00/00/0000 US 4898218 A 06/02/1990 0245482 A1 13/06/2002 WO AU 1614002 A 18/06/2002 EP 1345489 A 24/09/2003 FΙ 06/06/2002 20002671 A FI SE 518240 C2 05/12/1999 106092 B 00/00/0000 981277 A 05/12/1999 SE 9902053 A 05/12/1999 GB 2257512 A 13/01/1993 ΑT 125691 A 15/09/1997 AT 403738 B 25/05/1998 DE 4219255 A 07/01/1993 FR 2678062 A,B 24/12/1992 GB 9213298 D 00/00/0000 9201862 A SE 25/12/1992 WO 9935900 A1 22/07/1999 AU 741264 B 29/11/2001 ΑU 2055599 A 02/08/1999 CA 2283813 A 22/07/1999 DE 29903155 U 02/06/1999 DE 69905805 D,T 20/11/2003 EP 0971577 A,B 19/01/2000 SE 0971577 T3 FI 3445 U 26/06/1998 FI 980092 A,V 17/07/1999 NZ 337699 A 26/05/2000 US 6289957 B 18/09/2001 WO 0065900 A1 09/11/2000 4406800 A AU 17/11/2000 FΙ 109265 B 00/00/0000 990973 A 30/10/2000 US 5832975 A 10/11/1998 US 5704407 A 06/01/1998